

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application.

In the Claims

1. (Currently Amended) A ~~door mechanism for use in a~~ collapsible structure including a door mechanism, comprising:

a collapsible structure including an entranceway formed in a wall of the collapsible structure, the collapsible structure including a double-layered wall including a first layer of material and a second layer of material;

a door configured to ~~fit within an~~ extend across the entranceway of the collapsible structure and being configured to move between an open position and a closed position, wherein the door is positioned between the first layer of material and the second layer of material of the double-layered wall;

wherein the door is adapted to permit simplified and unobstructed passage through the entranceway of the collapsible structure in the open position.

2. (Currently Amended) The collapsible structure including a door mechanism of claim 1, wherein the door comprises a fan-shaped door configured to fit contiguously within ~~[[a]]~~ the double-layered wall of the collapsible structure.

3. (Cancelled)

4. (Currently Amended) The collapsible structure including a door mechanism of claim 1, wherein the door comprises a sliding door configured to fit within ~~[[a]]~~ the double-layered wall of the collapsible structure.

5. (Currently Amended) The collapsible structure including a door mechanism of claim 1, further comprising at least one reinforcement member coupled to the door.

6. (Currently Amended) The collapsible structure including a door mechanism of claim 1, wherein the door further includes a fastener.

7. (Currently Amended) The collapsible structure including a door mechanism of claim 1, wherein the door is constructed at least in part of a flexible material.

8. (Currently Amended) A door mechanism for use in a collapsible structure, comprising:

a fan-shaped door including a flexible sheet of material having a curved edge configured to ~~fit contiguously within~~ extend across an entranceway of the collapsible structure and being configured to move between an open position and a closed position with curvilinear motion; and

at least one reinforcement member coupled to the fan-shaped door, the at least one reinforcement member extending across the flexible sheet of material from an attachment point toward the curved edge of the flexible sheet of material;

the fan-shaped door so characterized in that movement of the fan-shaped door between the open position and the closed position includes radial movement of the at least one reinforcement member pivoting about the attachment point.

9. (Original) The door mechanism of claim 8, wherein the fan-shaped door is constructed at least in part of a flexible material.

10. (Withdrawn) The door mechanism of claim 8, wherein the fan-shaped door is gravity supported in the open position.

11. (Original) The door mechanism of claim 8, wherein the fan-shaped door is configured to automatically close.

12. (Original) The door mechanism of claim 8, wherein said at least one reinforcement member comprises a plurality of reinforcement members.

13. (Original) The door mechanism of claim 12, further comprising an attachment joint pivotally coupled to at least some of said plurality of reinforcement members.

14. (Original) The door mechanism of claim 13, wherein the attachment joint comprises a pocket.

15. (Withdrawn) The door mechanism of claim 13, wherein the attachment joint comprises at least one locking ring and mounting post.

16. (Withdrawn) The door mechanism of claim 13, wherein the attachment joint comprises a grommet.

17. (Original) The door mechanism of claim 8, further comprising a fastener for securing the fan-shaped door to the collapsible structure in the closed position.

18. (Original) The door mechanism of claim 17, wherein the fastener comprises a pole insertable within a capture.

19. (Withdrawn) The door mechanism of claim 17, wherein the fastener comprises a hook or clip member.

20. (Original) The door mechanism of claim 8, wherein the fan-shaped door is adapted to permit simplified and unobstructed passage through the entranceway of the collapsible structure in the open position.

21-38. (Cancelled)

39. (New) The door mechanism of claim 12, wherein the plurality of reinforcement members radiate outward from the attachment point at an angle to one another.

40. (New) A collapsible structure including a door mechanism, comprising:
a collapsible structure including an entranceway formed in a wall of the collapsible structure; and

a fan-shaped door including a flexible sheet of material configured to extend across the entranceway of the collapsible structure and being configured to move between an open position and a closed position with curvilinear motion, the fan-shaped door connected to the collapsible structure at an attachment point;

the fan-shaped door so characterized in that movement of the fan-shaped door between the open position and the closed position includes radial movement of the fan-shaped door pivoting about the attachment point.

41. (New) The collapsible structure including a door mechanism of claim 40, further comprising a first reinforcement member coupled to the fan-shaped door, the first reinforcement member extending across the flexible sheet of material from the attachment point.

42. (New) The collapsible structure including a door mechanism of claim 41, further comprising a second reinforcement member coupled to the fan-shaped door, the second reinforcement member extending across the flexible sheet of material from the attachment point.

43. (New) The collapsible structure including a door mechanism of claim 42, wherein the first reinforcement member and the second reinforcement member radiate outward from the attachment point at an angle to one another.

44. (New) The collapsible structure including a door mechanism of claim 43, wherein the collapsible structure includes a double-layered wall including a first layer of material and a second layer of material, wherein the fan-shaped door is positioned between the first layer of material and the second layer of material of the double-layered wall.